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| FORM PTO-1449 LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | ATTY. DOC. NO. 215/070 | SERIAL NO. PCT/JPN94/01916 |
| APPLICANT: Kenichi Matsubara and Kousaku Okubo | | |
| FILING DATE: November 11, 1994 | | GROUP: Box 2 11 JUL 1995 |

| U.S. PATENT DOCUMENTS | | | | | | | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | | |
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| EXAMINER INITIAL | | DOCUMENT NUMBER | | | | DATE | COUNTRY | CLASS | TRANSLATION |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | |
|--|---|--|
| AA | Stanford et al., "The complete primary structure of the human snRNP E protein," <u>Nucleic Acids Research</u> 16:10593 (1988) | |
| AB | Sawada et al., "Complementary DNA sequence and deduced peptide sequence for CD59/MEM-43 antigen, the human homologue of murine lymphocyte antigen Ly-6C," <u>Nucleic Acids Research</u> 17:6278 (1989) | |
| AC | Parkison et al., "The nucleotide sequence of a full length cDNA encoding rat pituitary pyruvate kinase," <u>Nucleic Acids Research</u> 17:7106 (1989) | |
| AD | Ou et al., "Cloning and characterization of a human ribosomal protein gene with enhanced expression in fetal and neoplastic cells," <u>Nucleic Acids Research</u> 15:8919 (1987) | |
| AE | Furutani et al., "Cloning and characterization of the cDNAs for human and rabbit interleukin-1 precursor," <u>Nucleic Acids Research</u> 13:5869 (1985) | |
| AF | Hallewell et al., "Human Cu/Zn superoxide dismutase cDNA: isolation of clones synthesising high levels of active or inactive enzyme from an expression library," <u>Nucleic Acids Research</u> 13:2017 (1985) | |
| AG | Codina et al., "β-Subunits of the human liver G _i /G _o signal-transducing proteins and those of bovine retinal rod cell transducin are identical," <u>FEBS Letters</u> 207:187 (1986) | |
| AH | Board et al., "Molecular cloning and nucleotide sequence of a human α ₁ acid glycoprotein cDNA," <u>Gene</u> 44:127-131 (1986) | |
| AI | Cowan et al., "Expression of Human α-Tubulin Genes: Interspecies Conservation of 3' Untranslated Regions," <u>Mol. and Cel. Biol.</u> 3:1738-1745 (1983) | |
| AJ | Bell et al., "Human α ₂ -Macroglobulin Gene is Located on Chromosome 12," <u>Somat. Cell and Mol. Biol.</u> 11:285-289 (1985) | |
| AK | Kamada and Kakunaga, "The nucleotide sequence of a human smooth muscle alpha-actin (aortic type) cDNA," <u>Nucleic Acids Research</u> 17:1767 (1989) | |
| AL | Chetbath et al., "Interferon-induced 56,000 Mr protein and its mRNA in human cells: molecular cloning and partial sequence of the cDNA," <u>Nucleic Acids Research</u> 11:1213 (1983) | |
| AM | Kahn et al., "Single pass sequencing and physical and genetic mapping of human brain cDNAs," <u>Nature Genetics</u> 2:180 (1992) | |
| AN | Kuruc et al., "Synthesis of cytokeratin 13, a component characteristic of internal stratified epithelia, is not induced in human epidermal tumors," <u>Differentiation</u> 42:111-123 (1989) | |
| AO | Okubo et al., "Large scale cDNA sequencing for analysis of quantitative and qualitative aspects of gene expression," <u>Nature Genetics</u> 2:173 (1992) | |

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| BC | AP | Emi et al., "Isolation of a novel cDNA clone showing marked similarity to ME491/CD63 superfamily," <u>Immunogenetics</u> 37:193-198 (1993) |
| | AQ | Angelisova et al., "The human leucocyte surface antigen CD53 is a protein structurally similar to the CD37 and MRC OX-44 antigens," <u>Immunogenetics</u> 32:281-285 (1990) |
| | AR | Sawada et al., "Isolation and Expression of the Full-Length cDNA Encoding CD59 Antigen of Human Lymphocytes," <u>DNA and Cell Biology</u> 9:213-220 (1990) |
| | AS | Todd et al., "cDNA Sequence, Interspecies Comparison, and Gene Mapping Analysis of Argininosuccinate Lyase," <u>Genomics</u> 4:53-59 (1989) |
| | AT | Oshima et al., "Comparison of mouse and human keratin 18: A component of intermediate filaments expressed prior to implantation," <u>Differentiation</u> 33:61-68 (1986) |
| | AU | Firmbach-Kraft, "tyk2, prototype of a novel class of non-receptor tyrosine kinase genes," <u>Oncogene</u> 5:1329-1336 (1990) |
| | AV | Westin et al., "Alternative splicing of the human c-myc gene," <u>Oncogene</u> 5:1117-1124 (1990) |
| | AW | Larsen et al., "Expression Cloning of a Human Granulocyte Colony-stimulating Factor Receptor: A Structural Mosaic of Hematopoietin Receptor, Immunoglobulin, and Fibronectin Domains," <u>J. Exp. Med.</u> 172:1559-1570 (1990) |
| | AX | Daher et al., "Isolation and characterization of human defensin cDNA clones," <u>Proc. Natl. Acad. Sci. USA</u> 85:7327-7331 (1988) |
| | AY | Collart and Huberman, "Cloning and Sequence Analysis of the Human and Chinese Hamster Inosine-5'-monophosphate Dehydrogenase cDNAs," <u>J. Biol. Chem.</u> 263:15769-15772 (1988) |
| | AZ | Kondoh et al., "Differential Expression of S19 Ribosomal Protein, Laminin-binding Protein, and Human Lymphocyte Antigen Class I Messenger RNAs Associated with Colon Carcinoma Progression and Differentiation," <u>Cancer Research</u> 52:791-796 (1992) |
| | BA | Ge et al., "Primary Structure of the Human Splicing Factor ASF Reveals Similarities with Drosophila Regulators," <u>Cell</u> 66:373-382 (1991) |
| | BB | McLean et al., "cDNA Sequence of the Human Intergrin β_5 Subunit," <u>J. Biol. Chem.</u> 265:17126-17131 (1990) |
| | BC | Opipari et al., "The A20 cDNA Induced by Tumor Necrosis Factor α Encodes a Novel Type of Zinc Finger Protein," <u>J. Biol. Chem.</u> 265:14705-14708 (1990) |
| | BD | Kiefer et al., "Identification and Molecular Cloning of Two New 30-kDa Insulin-like Growth Factor Binding Proteins Isolated from Adult Human Serum," <u>J. Biol. Chem.</u> 266:9043-9049 (1991) |
| | BE | Katoh et al., "K-sam gene encodes secreted as well as transmembrane receptor tyrosine kinase," <u>Proc. Natl. Acad. Sci. USA</u> 89:2960-2964 (1992) |
| | BF | McKenzie et al., "Molecular Cloning, Expression and Characterization of the cDNA for the Rat Hepatic Squalene Synthase," <u>J. Biol. Chem.</u> 267:21368-21374 (1992) |
| | BG | Shechter et al., "Solubilization, Purification, and Characterization of a Truncated Form of Rat Hepatic Squalene Synthetase," <u>J. Biol. Chem.</u> 267:8628-8635 (1992) |
| | BH | Verma et al., "Complete Primary Structure of a Human Plasma Membrane Ca^{2+} Pump," <u>J. Biol. Chem.</u> 263:14152-14159 (1988) |
| | BI | Tomkinson and Jonsson, "Characterization of cDNA for Human Tripeptidyl Peptidase II: The N-Terminal Part of the Enzyme is Similar to Subtilisin," <u>Biochemistry</u> 30:168-174 (1991) |
| | BJ | Tekamp-Olson et al., "Cloning and Characterization of cDNAs for Murine Macrophage Inflammatory Protein 2 and its Human Homologues," <u>J. Exp. Med.</u> 172:911-919 (1990) |

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| | APPLICANT: Recd PCT/PTO 10 JUL 1995 [Signature] and Kousaku Okubo | |
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| BK | David et al., "Interaction with Newly Synthesized and Retained Proteins in the Endoplasmic Reticulum Suggests a Chaperone Function for Human Integral Membrane Protein IP90 (Calnexin)," <u>J. Biol. Chem.</u> 268:9585-9592 (1993) |
| BL | Sherman et al., "Nucleotide sequence and expression of human chromosome 21-encoded superoxide dismutase mRNA," <u>Proc. Natl. Acad. Sci. USA</u> 80:5465-5469 (1983) |
| BM | Schuetz et al., "Isolation of a cDNA for HSF2: Evidence for two heat shock factor genes in humans," <u>Proc. Natl. Acad. Sci. USA</u> 88:6911-6915 (1991) |
| BN | Wermuth et al., "Human Carbonyl Reductase," <u>J. Biol. Chem.</u> 263:16185 (1988) |
| BO | Sonoda et al., "Complete Nucleotide Sequence of Human Phosphoribosyl Pyrophosphate Synthetase Subunit I (PRS I) cDNA and a Comparison with Human and Rat PRS Gene Families," <u>J. Biochem.</u> 109:361-364 (1991) |
| BP | Maslen et al., "Partial sequence of a candidate gene for the Marfan Syndrome," <u>Nature</u> 352:334 (1991) |
| BQ | Wintzerith et al., "Complete sequence of the human RNA polymerase II largest subunit," <u>Nucleic Acids Research</u> 20:910 (1992) |
| BR | Casero et al., "Isolation and Characterization of a cDNA Clone that Codes for Human Spermidine/Spermine N ¹ -Acetyltransferase," <u>J. Biol. Chem.</u> 266:810-814 (1991) |
| BS | Xiao et al., "Characterization of a Full-Length cDNA Which codes for the Human Spermidine/Spermine N ¹ Acetyltransferase," <u>Biochem. and Biophys. Res. Comm.</u> 179:407-415 (1991) |
| BT | Uze et al., "Genetic Transfer of a Functional Human Interferon α Receptor into Mouse Cells: Cloning and Expression of its cDNA," <u>Cell</u> 60:225-234 (1990) |
| BU | Mellentin et al., "Iyl-1, a Novel Gene Altered by Chromosomal Translocation in T Cell Leukemia, Codes for a Protein with a Helix-Loop-Helix DNA Binding Motif," <u>Cell</u> 58:77-83 (1989) |
| BV | White et al., "Human Adipsin is Identical to Complement Factor D and is Expressed at High Levels in Adipose Tissue," <u>J. Biol. Chem.</u> 267:9210-9213 (1992) |
| BW | Hla and Maciag, "an Abundant Transcript Induced in Differentiating Human Endothelial Cells Encodes a Polypeptide with Structural Similarities to G-protein-coupled Receptors," <u>J. Biol. Chem.</u> 265:9308 (1990) |
| BX | Kelly et al., "A new human HLA class II-related locus, DM," <u>Nature</u> 353:571 (1991) |
| BY | Rouault et al, "Cloning of the cDNA encoding an RNA regulatory protein - the human iron-responsive element-binding protein," <u>Proc. Natl. Acad. Sci. USA</u> 87:7958 (1990) |
| BZ | Sims et al., "Cloning the interleukin 1 receptor from human T cells," <u>Proc. Natl. Acad. Sci. USA</u> 86:8946 (1989) |
| CA | Weller et al., "Complete sequence of human vinculin and assignment of the gene to chromosome 10," <u>Proc. Natl. Acad. Sci. USA</u> 87:5667 (1990) |
| CB | Steinkasserer et al., "Heterogeneity of human serum amyloid A protein," <u>Biochem J.</u> 268:187 (1990) |
| CC | Bausch-Jurken et al., "Molecular Cloning of AMP Deaminase Isoform L," <u>J. Biol. Chem.</u> 267:22407 (1992) |
| CD | Huang et al., "Humandeoxyctidine kinase, sequence of cDNA clones and analysis of expression in cell lines with and without enzyme activity," <u>Additions and Corrections</u> 264:14762-14768 (1989) |
| CE | Yang et al., "Human transferrin: cDNA characterization and chromosomal localization," <u>Proc. Natl. Acad. Sci. USA</u> 81:275 (1984) |

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| BC | CF | Ny et al., "Cloning and sequence of a cDNA coding for the human β -migrating endothelial cell type plasminogen activator inhibitor," <u>Proc. Natl. Acad. Sci. USA</u> 83:6776 (1986) |
| | CG | Wilkin et al., "Isolation and Sequence of the Human Farnesyl Pyrophosphate Synthetase cDNA," <u>J. Biol. Chem.</u> 265:4607 (1990) |
| | CH | Batra et al., "Molecular Cloning and Sequence Analysis of the Human Ribosomal Protein S16," <u>J. Biol. Chem.</u> 266:6830 (1991) |
| | CI | Ben-Ishai et al., "A human cellular sequence implicated in trk oncogene activation is DNA damage inducible," <u>Proc. Natl. Acad. Sci. USA</u> 87:6039-6043 (1990) |
| | CJ | Fischer et al., "Multiple Divergent mRNAs Code for a Single Human Calmodulin," <u>J. Biol. Chem.</u> 263:17055 (1988) |
| | CK | Natsumeda et al., "Two Distinct cDNAs for Human IMP Dehydrogenase," <u>J. Biol. Chem.</u> 265:5292 (1990) |
| | CL | Inoue et al., "Evolutionary conservation of the insulinoma gene rig and its possible function," <u>Proc. Natl. Acad. Sci. USA</u> 84:665 (1987) |
| | CM | Jongstra-Bilen et al., "Human and Mouse LSP1 Genes Code for Highly Conserved Phosphoproteins," <u>J. Biol. Chem.</u> 265:1104 (1990) |
| | CN | Gray et al., "Cloning of the cDNA of a Human Neutrophil Bactericidal Protein," <u>J. Biol. Chem.</u> 264:9505 (1989) |
| | CO | Koken et al., "Structural and functional conservation of two human homologs of the yeast DNA repair gene RAD6," <u>Proc. Natl. Acad. Sci. USA</u> 88:8865 (1991) |
| | CP | Smith et al., "A Receptor for Tumor Necrosis Factor Defines an Unusual Family of Cellular and Viral Proteins," <u>Science</u> 248:1019 (1990) |
| | CQ | Huang et al., "Human Deoxycytidine Kinase," <u>J. Biol. Chem.</u> 264:14762 (1989) |
| | CR | Cooke and David, "Serum Vitamin D-binding Protein is a Third Member of the Albumin and Alpha Fetoprotein Gene Family," <u>J. Clin. Invest.</u> 76:2420 (1985) |
| | CS | Fukumoto et al., "Sequence, tissue distribution, and chorosomal localization of mRNA encoding a human glucose transporter-like protein," <u>Proc. Natl. Acad. Sci. USA</u> 85:5435 (1988) |
| | CT | Ikuta et al., "Three human alcohol dehydrogenase subunits: cDNA structure and molecular and evolutionary divergence," <u>Proc. Natl. Acad. Sci. USA</u> 83:634 (1986) |
| | CU | Wu and Noguchi, "Activation of Globin Gene Expression by cDNAs from Induced K562 Cells," <u>J. Biol. Chem.</u> 266:17566 (1991) |
| | CV | Didsbury et al., "rac, a Novel ras-related Family of Proteins that are Botulinum Toxin Substrates," <u>J. Biol. Chem.</u> 264:16378 (1989) |
| | CW | Look et al., "Human Myeloid Plasma Membrane Glycoprotein CD13 (gp150) is Identical to Aminopeptidase N," <u>J. Clin. Invest.</u> 83:1299 (1989) |
| | CX | Luster et al., "Molecular and Biochemical Characterization of a Novel- γ -Interferon-inducible Protein," <u>J. Biol. Chem.</u> 263:12036 (1988) |
| | CY | Patton et al., "Cloning and characterization of PSF, a novel pre-mRNA splicing factor," <u>Genes & Devel.</u> 7:393 (1993) |
| | CZ | Wathelet et al., "Molecular cloning, full-length sequence and preliminary characterization of a 56-kDa protein induced by human interferons," <u>Euro. J. Biochem.</u> 155:11 (1986) |
| ✓ | DA | Koide et al., "Amino Acid Sequence of Human Histidine-Rich Glycoprotein Derived from the Nucleotide Sequence of its cDNA," <u>Biochem</u> 25:2220 (1986) |

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| ✓ | DB | Degen et al., "Characterization of the Complementary Deoxyribonucleic Acid and Gene Coding for Human Prothrombin," <u>Biochemistry</u> 22:2087 (1983) |
| | DC | Barnett et al., "Carcinoembryonic Antigens: Alternative Splicing Accounts for the Multiple mRNAs that Code for Novel Members of the Carcinoembryonic Antigen Family," <u>J. Cell Biol.</u> 108:267 (1989) |
| | DD | Leube et al., "Molecular Characterization and Expression of the Stratification-related Cytokeratins 4 and 15," <u>J. Cell Biol.</u> 106:1249 (1988) |
| | DE | Mackinnon et al., "Molecular cloning of cDNA for human complement component C1s," <u>Eur. J. Biochem.</u> 169:547 (1987) |
| | DF | Lawler and Hynes, "The Structure of Human Thrombospondin, an Adhesive Glycoprotein with Multiple Calcium-Binding Sites and Homologies with Several Different Proteins," <u>J. Cell. Biol.</u> 103:1635 (1986) |
| | DG | Forrest et al., "Induction of a human carbonyl reductase gene located on chromosome 21," <u>Biochem. Biophys. Acta</u> 1048:149 (1990) |
| | DH | Tamura et al., "Molecular cloning and sequence analysis of cDNAs for five major subunits of human proteasomes (multi-catalytic proteinase complexes)," <u>Biochem. Biophys. Acta</u> 1089:95 (1991) |
| | DI | Romeo et al., "Molecular cloning and nucleotide sequence of a complete human uroporphyrinogen decarboxylase cDNA," <u>J. Biol. Chem.</u> 261:9825 (1986) |
| | DJ | Schulz et al., "The genomic structure of the human UFO receptor," <u>Oncogene</u> 8:509 (1993) |
| | DK | Fishman et al., "Molecular characterization and functional expression of the human cardiac gap junction channel," <u>J. Cell Biol.</u> 111:589 (1990) |
| | DL | Kaplan and Duncan, "Novel short interspersed repeat in human DNA," <u>Nucleic Acids Research</u> 18:192 (1990) |
| | DM | Roessler et al., "Cloning of two distinct copies of human phosphoribosylpyrophosphate synthetase cDNA," <u>Nucleic Acids Research</u> 18:193 (1993) |
| | DN | Willison et al., "The human homologue of the mouse t-complex gene, TCP1, is located on chromosome 6 but is not near the HLA region," <u>EMBO Journal</u> 6:1967 (1987) |
| | DO | Liehaber et al., "Characterization of a human cDNA encoding a widely expressed and high conserved cysteine-rich protein with an unusual zinc-finger motif," <u>Nucleic Acids Research</u> 18:3871 (1990) |
| | DP | Taanman et al., "Isolation of cDNAs encoding subunit VIb of human cytochrome c oxidase and steady-state levels of coxVIb mRNA in different tissues," <u>Gene</u> 93:285 (1990) |
| | DQ | Argraves et al., "Amino Acid Sequence of the Human Fibronectin Receptor," <u>J. Cell. Biol.</u> 105:1183 (1987) |
| | DR | Sakai et al., "The cDNA and protein sequences of human lactate dehydrogenase B," <u>Biochem J.</u> 248:933 (1987) |
| | DS | Tsujimoto et al., "Isolation of cDNAs for DNA-Binding Proteins Which Specifically Bind to a tax-Responsive Enhancer Element in the Long Terminal Repeat of Human T-Cell Leukemia Virus Type I," <u>J. Virology</u> 65:1420 (1991) |
| ✓ | DT | Ebina et al., "The Human Insulin Receptor cDNA: The Structural Basis for Hormone-Activated Transmembrane Signaling," <u>Cell</u> 40:747 (1985) |

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